

APPENDIX E.

LIST OF ANALYTES AND DETECTION LIMITS

X-Ray Fluorescence Air Filter Analysis
(except where noted)
Minimum Detectable Limits¹

<u>Element</u>	Protocol A <u>ng/cm²</u>
Al	10
As	1.6
Ba	52
Be ²	8
Cd	12
Cr	1.9
Cu	1.1
Fe	1.5
Hg	2.6
Mg	0.96
Mn	1.6
Mo	2.7
Ni	0.89
Pb	3.0
Se	1.2
Si	6.3
Tl	2.5
Zn	1.1

¹ MDL defined as 3 times the standard deviation of the blank for a filter of 1 mg/cm² areal density.

² Analyzed using Atomic Absorption Spectroscopy.